

# *Spartina anglica*

## Habitus and growth type

Plant height [m]: **0.8**

Life span: **Perennial**

Life form: **Hemicryptophyte, Geophyte**

## Leaf

Specific leaf area [mm<sup>2</sup>/mg]: **9.4**

## Flower

Flowering period: **May-August**

## Fruit, seed and dispersal

Seed mass [mg]: **9.03**

Dispersal mode: **Local non-specific dispersal**

Dispersal distance class: **2**

## Trophic mode

Parasitism and mycoheterotrophy: **autotroph**

Carnivory: **non-carnivorous**

Symbiotic nitrogen fixation: **no nitrogen-fixing symbionts**

## Taxon origin

Origin in Europe: **native**

## Ecology

### Environmental relationships

Substrate humidity relationship: **Wet**

Substrate reaction relationship: **Alkaline**

Salinity relationship: **Saline**

### Ellenberg-type indicator values

Light indicator value: **8.5**

Temperature indicator value: **6**

Moisture indicator value: **9.3**

Reaction indicator value: **8**

Salinity indicator value: **8**

### Disturbance indicator values

Disturbance frequency: **2.3**

Disturbance frequency (herb layer): **2.3**

Disturbance severity: **0.61**

Disturbance severity (herb layer): **0.61**

Mowing frequency: **0**

Grazing pressure: **0.19**

Soil disturbance: **0.24**

## **Habitat and sociology**

### Syntaxon

Diagnostic species of phytosociological classes: [MD \(SPA\) \*Spartinetea maritimae\*](#)

### EUNIS habitat

Diagnostic species of EUNIS habitats: [MA224 Atlantic mid-low saltmarsh](#), [MA225 Atlantic pioneer saltmarsh](#)

Constant species of EUNIS habitats: [MA224 Atlantic mid-low saltmarsh](#), [MA225 Atlantic pioneer saltmarsh](#)

Dominant species of EUNIS habitats: [MA225 Atlantic pioneer saltmarsh](#)

### Broad habitat

Occurrence in broad habitats: **Coastal saltmarsh, Saline vegetation**